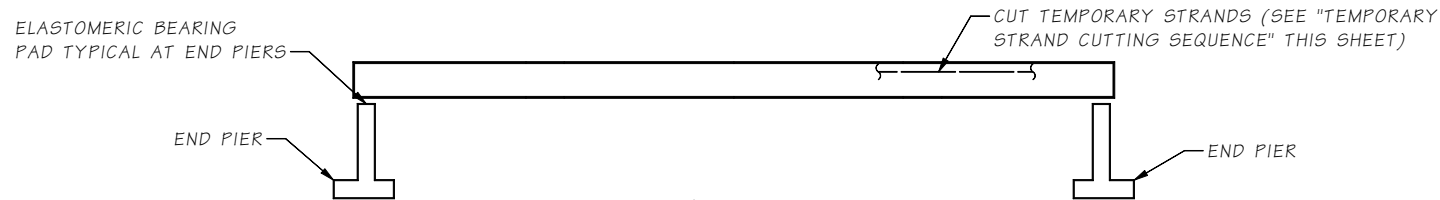


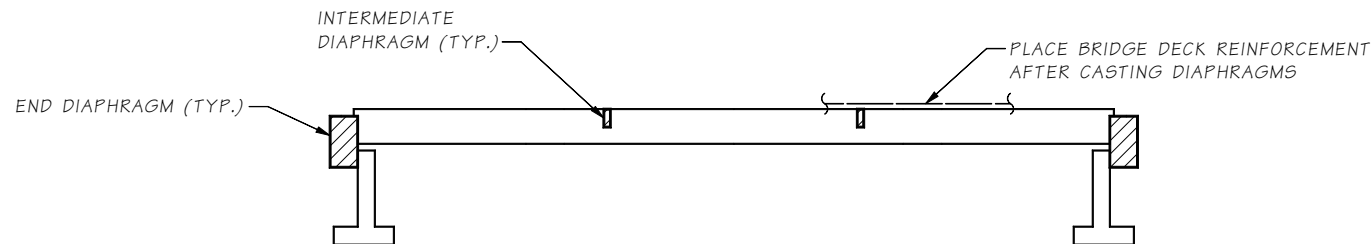
Last revised on : 5/22/2012

5.6-A2-1
SR FILE NO. SHEET



STAGE 1
SET GIRDERS IN PLACE

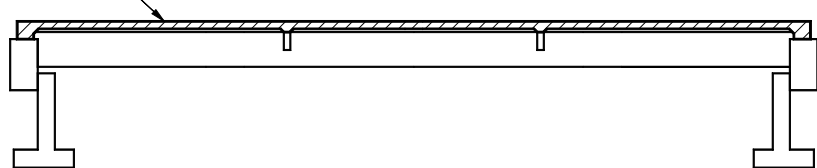
INSTALL TEMPORARY BRACING FOR ERECTION IN ACCORDANCE WITH STD. SPEC. SECTION 6-02.3(17)F.



STAGE 2
CAST DIAPHRAGMS AND
PLACE BRIDGE DECK REINFORCEMENT

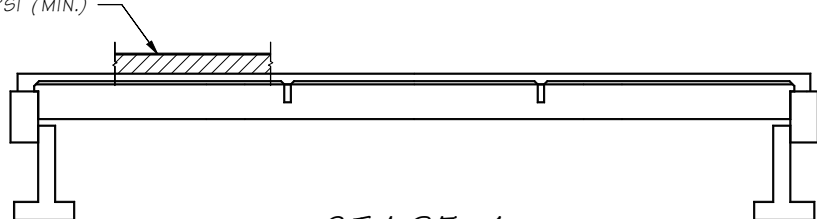
INSTALL TEMPORARY BRACING FOR DIAPHRAGM AND DECK PLACEMENT IN ACCORDANCE WITH STD. SPEC. SECTION 6-02.3(17)F.

CAST BRIDGE DECK (OR PLACE PRECAST DECK PANELS) WHEN DIAPHRAGM CONCRETE COMPRESSIVE STRENGTH HAS REACHED 3000 PSI (MIN.)



STAGE 3
CAST BRIDGE DECK

TRAFFIC BARRIER SHALL NOT BE CAST UNTIL THE DECK CONCRETE COMPRESSIVE STRENGTH HAS REACHED 3000 PSI (MIN.)



STAGE 4
CAST TRAFFIC BARRIERS

CONSTRUCTION SEQUENCE ~ SUPERSTRUCTURE

TEMPORARY STRAND
CUTTING SEQUENCE

1. ERECT AND BRACE GIRDERS.
2. REMOVE EXPANDED POLYSTYRENE IN 2" x 6" RECESSES IN TOP FLANGE OF GIRDERS.
3. CUT STRANDS IN 2" x 6" RECESSES. STRANDS MAY BE CUT BY USING A CUTTING TORCH AND MOVING THE FLAME BACK AND FORTH OVER THE LENGTH OF EXPOSED STRAND TO LET INDIVIDUAL WIRES BREAK ONE AT A TIME TO LESSEN THE SHOCK TO THE GIRDER. STRANDS SHALL BE RELEASED IN A SYMMETRICAL MANNER AROUND THE GIRDER CENTERLINE STARTING WITH THOSE NEAREST THE CENTERLINE AND WORKING OUTWARDS.
4. REMOVE ALL MOISTURE IN RECESS PRIOR TO FILLING RECESS WITH GROUT.

Bridge Design Engr.	M:\STANDARDS\Girders\CONSTRUCTION SEQUENCE\CONSEQ-SINGLESPAN.MAN						
Supervisor				REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
Designed By				10	WASH.		TOTAL SHEETS
Checked By				JOB NUMBER			
Detailed By							
Bridge Projects Engr.							
Prelim. Plan By							
Architect/Specialist	DATE	REVISION	BY	APP'D			

Thu Oct 18 10:42:09 2012

BRIDGE
AND
STRUCTURES
OFFICE



Washington State
Department of Transportation

STANDARD
PRESTRESSED CONCRETE GIRDERS

SINGLE SPAN PRESTRESSED GIRDER
CONSTRUCTION SEQUENCE

BRIDGE
SHEET
NO.

SHEET

OF

SHEETS